VS-646
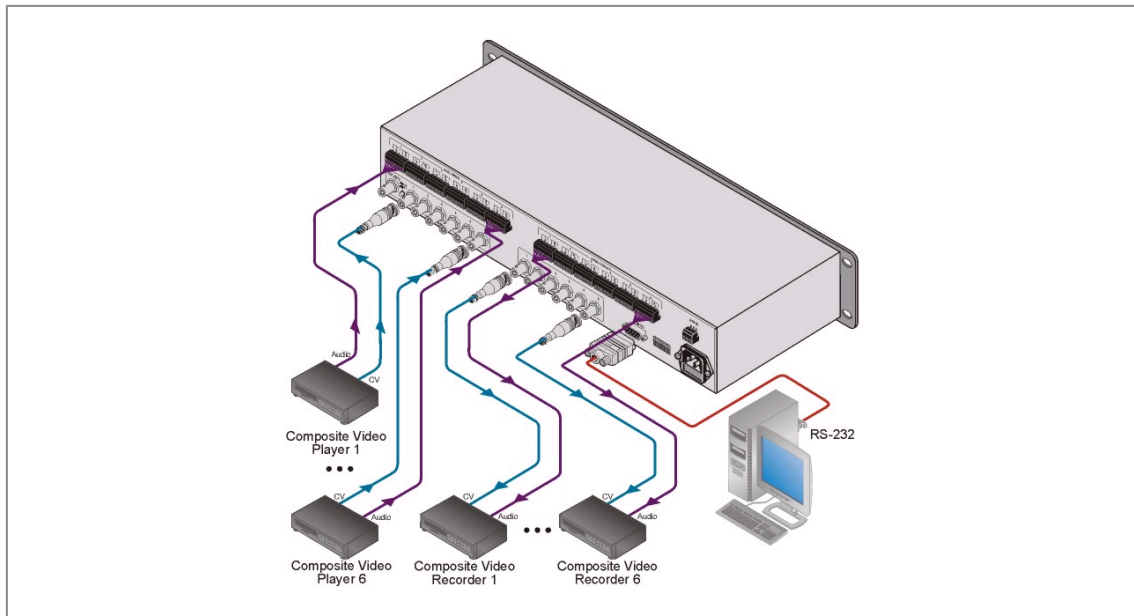
6x6 Balanced A/V Matrix Switcher

The VS-646 is a high performance matrix switcher for composite video and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

VS-646

FEATURES

- Bandwidth - 200MHz (- 3dB) fully loaded.
- Control - Front panel, RS-232 (included K-Router™Windows® - basic software is included), & RS-485.
- Take Button - Execute multiple switches all atonce.
- Memory Locations - Store multiple switchesas presets to be recalled and executed whenneeded.
- Audio Breakaway Switching.
- Vertical Interval Switching.
- Switching Synchronization - Synchronizeeither to external reference or the incomingvideo.
- Selectable Sync Signal Termination.
- Standard 19" Rack Mount Size - 2U.

TECHNICAL SPECIFICATIONS

INPUTS:	6 Composite Video, 1Vpp/75Ω on BNCs.1 sync/video genlock 1Vpp/75 Ω with sync select with. 6 balanced stereo audio, +4dBm/33 kΩ on detachable terminal blocks.
OUTPUTS:	6 Composite Video, 1Vpp/75Ω on BNCs. 6 stereo audio, +4dBm/50W (24 Vpp max.) on on detachable terminal blocks.
AUDIO BANDWIDTH:	Exceeding 100 kHz.
VIDEO BANDWIDTH:	Exceeding 200 MHz.
VIDEO CROSSTALK:	< -50dB.
NON LINERARITY:	<0.1%
VIDEO S/N:	74 dB.
AUDIO S/N:	84 dB Unweighted (1Vpp).
2nd HARMONIC:	0.013%
CONTROL:	Manual, RS-232 or RS-485.
AUDIO THD:	0.025% (1V, 1kHz).
SWITCHING:	Vertical Interval.
DIFF. PHASE:	0.03 Deg.
MAXIMAL AUDIO:	24 Vpp (>20dBm)
K-FACTOR:	<0.05%
DIFF. GAIN:	0.05%
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
POWER SOURCE:	2230 VAC, 50/60 Hz, (115VAC, U.S.A.) 11VA.
WEIGHT:	3.4 kg (7.5 lbs.) Approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, Null modem adapter.